

GCF vs. LCM word problems

GCF word problems

GCF means:	If you are trying to _____ things into equal groups use _____.
CLUE WORDS:	

Example: (circle the clue word(s))

Mary is in charge of creating refreshment tables for the upcoming football game. She has 27 cans of Coca-Cola, 45 cans of Sprite and 36 cans of orange soda. What is the greatest number of refreshment tables she can make? How many of each soda will be on each refreshment table?

Mary can create _____ refreshment tables. There will be _____ cans of Coca-Cola, _____ cans of Sprite and _____ cans of orange soda at each table.

LCM word problems

LCM means:	If you are trying to _____ things into equal amounts use _____.
CLUE WORDS:	

Example: (circle the clue word(s))

Seth jogs every 3 days and Sally jogs every 4 days. If they both jog today, how many days will it take for them to jog again on the same day?

Seth and Sally will both jog together in _____ days.

GCF & LCM Word Problem Practice (Homework)

Identify if you will use GCF or LCM to solve each problem. Then, show your work to solve.

1. Faith is making flower vases for the fall dance. She has 45 sunflowers and 30 daisies. She want to make identical vases and use all the flowers. What is the greatest number of vases Faith can make? How many sunflowers and how many daisies will be in each vase?

GCF or LCM _____ vases

_____sunflowers and _____daisies will be in each vase.

2. Mrs. Minera waters one of her plants every 10 days and her other plant every 14 days. If she watered both plants today, when will she water them both again on the same day?

GCF or LCM _____ days

3. Max is buying invitations for the 6th grade band concert. Invitations come in backs of 8 and stamps come in packs of 10. Max wants the same number of stamps and invitations. What is the minimum amount of invitations he will have to buy?

GCF or LCM _____ invitations

4. Casey is making party bags for her 12th birthday party. She wants each bag to be the same. She has 18 fun size candy bars and 24 pieces of gum. What is the most number of party bags Casey can make? How many fun size candy bars and pieces of gum will be in each bag?

GCF or LCM _____ party bags

_____fun size candy bars and _____ pieces of gum will be in each bag.